

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 8011-2CON

SERIAL NO.

10/628,795

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

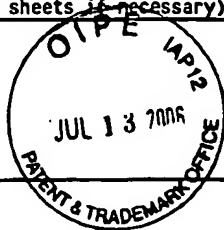
(Use several sheets if necessary)

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## U.S. PATENT DOCUMENT

EXAMINER INITIALS	Ref.#	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
22	1.	5 1 7 5 5 4 3	12/1992	Lantz	1	1	
	2.	5 4 1 2 3 8 4	5/1995	Chang et al.	1	1	
	3.	4 8 7 2 0 0 9	10/3/89	Tsukiyama et al.	1	1	
	4.	4 9 2 9 9 4 6	5/29/90	O'Brien et al.	1	1	
	5.	5 0 4 5 8 5 2	9/3/91	Mitchell et al.	1	1	
	6.	5 0 9 7 2 6 1	3/17/92	Langdon, Jr. et al.	1	1	
	7.	5 2 1 2 7 4 2	5/18/93	Normile et al.	1	1	
	8.	5 2 3 1 4 9 2	7/27/93	Dangi et al.	1	1	
	9.	5 2 4 3 3 4 8	9/7/93	Jackson	1	1	
	10.	5 2 7 0 8 3 2	12/14/93	Balkanski et al.	1	1	
	11.	5 3 7 9 0 3 6	1/3/95	Storer	1	1	
	12.	5 3 8 1 1 4 5	1/10/95	Allen et al.	1	1	
	13.	5 3 9 4 5 3 4	2/29/95	Kulakowski et al.	1	1	
	14.	5 4 6 1 6 7 9	10/24/95	Normile et al.	1	1	
	15.	5 4 7 9 5 8 7	12/26/95	Campbell et al.	1	1	
	16.	5 4 8 6 8 2 6	1/23/96	Remillard	1	1	
	17.	5 4 9 5 2 4 4	2/27/96	Je-chang et al.	1	1	
	18.	5 5 3 3 0 5 1	7/2/96	James	1	1	
	19.	5 5 8 3 5 0 0	12/10/96	Allen et al.	1	1	
	20.	5 6 5 4 7 0 3	8/5/97	Clark, II	1	1	

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<i>28</i>	21.	5	6	6	8	7	3	7	9/16/97	Iler	—	—	
	22.	5	7	1	7	3	9	4	2/10/98	Schwartz et al.	—	—	
	23.	5	7	2	9	2	2	8	3/17/98	Franaszek et al.	—	—	
	24.	5	7	4	8	9	0	4	5/5/98	Muang et al.	—	—	
	25.	5	7	7	1	3	4	0	6/23/98	Nakazato et al.	—	—	
	26.	5	7	8	4	5	7	2	7/21/98	Rostoker et al.	—	—	
	27.	5	8	0	5	9	3	2	9/8/98	Kawashima et al.	—	—	
	28.	5	8	1	8	3	6	8	10/6/98	Langley	—	—	
	29.	5	8	1	8	5	3	0	10/6/98	Canfield et al.	—	—	
	30.	5	8	2	5	4	2	4	10/20/98	Canfield et al.	—	—	
	31.	5	8	4	7	7	6	2	12/8/98	Canfield et al.	—	—	
	32.	5	8	6	1	8	2	4	1/19/99	Ryu et al.	—	—	
	33.	5	9	1	7	4	3	8	6/29/99	Ando	—	—	
	34.	5	9	6	4	8	4	2	10/12/99	Packard	—	—	
	35.	5	9	9	1	5	1	5	11/23/99	Fall et al.	—	—	
	36.	6	0	3	1	9	3	9	2/29/00	Gilbert et al.	—	—	
	37.	5	8	3	9	1	0	0	11/1998	Wegener	—	—	
	38.	6	1	4	1	0	5	3	10/2000	Saukkonen	—	—	
	39.	4	6	8	2	1	5	0	7/1987	Mathes et al.	—	—	
	40.	5	2	3	7	6	7	5	8/1993	Hannon, Jr.	—	—	
	41.	5	5	5	7	7	4	9	9/1996	Norris	—	—	
<i>✓</i>	42.	6	5	2	9	6	3	3	3/2003	Easwar et al.	—	—	

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<i>DE</i>	43.	4 7 5 4 3 5 1	3/1986	Dang et al.	—	—	
	44.	4 8 0 4 9 5 9	2/2989	Makansi et al.	—	—	
	45.	4 8 7 0 4 1 5	9/1989	Van Maren et al.	—	—	
	46.	4 9 6 5 6 7 5	10/1990	Mori et al.	—	—	
	47.	5 0 2 8 9 2 2	7/1991	Huang	—	—	
	48.	5 0 4 6 0 2 7	9/1991	Taaffe et al.	—	—	
	49.	5 1 5 0 4 3 0	9/1992	Chu	—	—	
	50.	5 1 5 9 3 3 6	10/1992	Rabin et al.	—	—	
	51.	5 1 7 9 6 5 1	1/1993	Taaffe et al.	—	—	
	52.	5 2 3 7 4 6 0	8/1993	Miller et al.	—	—	
	53.	5 2 3 7 6 7 5	8/1993	Mannon, Jr.	—	—	
	54.	5 2 4 7 6 3 8	9/1993	O'Brien et al.	—	—	
	55.	5 2 4 7 6 4 6	9/1993	Osterlund et al.	—	—	
	56.	5 2 8 7 4 2 0	2/1994	Barrett	—	—	
	57.	5 3 5 7 6 1 4	10/1994	Pattisam et al.	—	—	
	58.	5 4 1 4 8 5 0	5/1995	Whiting	—	—	
	59.	5 5 0 6 8 7 2	4/1996	Mohler	—	—	
	60.	5 5 3 5 3 5 6	7/1996	Kim et al.	—	—	

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<i>DR</i>	61.	5 5 3 7 6 5 8	7/1996	Bakke et al.	1	1	
	62.	5 5 6 1 8 2 4	10/1996	Carreiro et al.	1	1	
	63.	5 5 7 4 9 5 2	11/1996	Brady et al.	1	1	
	64.	5 5 7 4 9 5 3	11/1996	Rust et al.	1	1	
	65.	5 5 9 0 3 0 6	12/1996	Watanabe et al.	1	1	
	66.	5 6 0 6 7 0 6	2/1997	Takamoto et al.	1	1	
	67.	5 6 1 5 0 1 7	3/1997	Choi et al.	1	1	
	68.	5 6 2 1 8 2 0	4/1997	Rynderman et al.	1	1	
	69.	5 6 2 3 6 2 3	4/1997	Kim et al.	1	1	
	70.	5 6 2 3 7 0 1	4/1997	Bakke et al.	1	1	
	71.	5 6 2 7 9 9 5	5/1997	Miller et al.	1	1	
	72.	5 6 2 9 7 3 2	5/1997	Moskowitz et al.	1	1	
	73.	5 6 3 0 0 9 2	5/1997	Carreiro et al.	1	1	
	74.	5 6 5 2 8 5 7	7/1997	Shimoi et al.	1	1	
	75.	5 6 5 2 9 1 7	7/1997	Maupin et al.	1	1	
	76.	5 6 5 5 1 3 8	8/1997	Xikinis	1	1	
	77.	5 6 6 6 5 6 0	9/1997	Moertl et al.	1	1	
	78.	5 6 7 1 3 8 9	9/1997	Saliba	1	1	
	79.	5 6 9 4 6 1 9	12/1997	Konno	1	1	
<i>V</i>	80.	5 6 9 6 9 2 7	12/1997	MacDonald et al.	1	1	

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<i>PH</i>	81.	5 7 1 5 4 7 7	2/1998	Xikinis	1	1	
	82.	5 7 2 1 9 5 8	2/1998	Xikinis	1	1	
	83.	5 7 2 4 4 7 5	3/1998	Kirsten	1	1	
	84.	5 7 7 8 4 1 1	7/1998	DeMoss et al.	1	1	
	85.	5 7 8 7 4 8 7	7/1998	Mashimoto et al.	1	1	
	86.	5 8 0 8 6 6 0	9/1998	Sekine et al.	1	1	
	87.	5 8 0 9 3 3 7	9/1998	Hannah et al.	1	1	
	88.	5 8 1 2 7 8 9	9/1998	Diaz	1	1	
	89.	5 8 3 8 9 9 6	11/1998	deCarro	1	1	
	90.	5 8 4 1 9 7 9	11/1998	Schulhof et al.	1	1	
	91.	5 8 4 7 7 6 2	12/1998	Canfield et al.	1	1	
	92.	5 8 7 0 0 8 7	2/1999	Chau	1	1	
	93.	5 8 8 9 9 6 1	3/1999	Dobbek	1	1	
	94.	5 9 1 5 0 7 9	6/1999	Vondran, Jr. et al.	1	1	
	95.	5 9 3 6 6 1 6	8/1999	Torborg, Jr. et al.	1	1	
	96.	5 9 6 0 4 6 5	9/1999	Adams	1	1	
	97.	5 9 6 8 1 4 9	10/1999	Jaquette et al.	1	1	
	98.	5 9 7 4 4 7 1	10/1999	Belt	1	1	
	99.	5 9 9 6 0 3 3	11/1999	Chiu-Hao	1	1	
<i>VI</i>	100.	6 0 0 0 0 0 9	12/1999	Brady	1	1	

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28	101.	6 0 0 2 4 1 1	12/1999	Dye	1	1	
	102.	6 0 1 1 9 0 1	1/2000	Kirsten	1	1	
	103.	6 0 1 4 6 9 4	1/2000	Aharoni et al.	1	1	
	104.	6 0 2 6 2 1 7	2/2000	Adiletta	1	1	
	105.	6 0 2 8 7 2 5	2/2000	Blumenau	1	1	
	106.	6 0 3 2 1 4 8	2/2000	Wilkes	1	1	
	107.	4 5 9 3 3 2 4	06/1986	Ohkubo et al.	1	1	
	108.	5 6 0 4 8 2 4	02/1997	Chui et al.	1	1	
	109.	5 6 1 2 7 8 8	03/1997	Stone	1	1	
	110.	5 8 1 9 2 1 5	10/1998	Dobson et al.	1	1	
	111.	5 8 3 2 1 2 6	11/1998	Tanaka, Kimiyuki	1	1	
	112.	6 5 9 0 6 0 9	07/2003	Kitade et al.	1	1	
	113.	6 4 3 4 1 6 8	08/2002	Kari	1	1	
	114.	6 2 5 3 2 6 4	06/2001	Sebastian	1	1	
	115.	5 8 7 0 0 3 6	2/1999	Franszsek et al.	1	1	
	116.	5 8 8 3 9 7 5	3/1999	Warita et al.	1	1	
	117.	5 9 5 5 9 7 6	9/1999	Heath	1	1	
	118.	6 4 8 9 9 0 2	12/2002	Heath	1	1	
	119.	4 5 7 4 3 5 1	3/1986	Dang et al.	1	1	
	120.	U.S. Patent Publication No. US 2003/0142874 07/2003 Schwartz, Edward L.					

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88	121.	4 7 3 0 3 4 8	3/1998	MacCrisken	—	—	
	122.	4 9 0 6 9 9 5	3/1990	Swanson	—	—	
	123.	5 0 4 9 8 8 1	9/1991	Gibson et al.	—	—	
	124.	5 4 0 6 2 7 8	4/1995	Graybill et al.	—	—	
	125.	5 8 3 2 0 3 7	11/1998	Park	—	—	
	126.	5 8 3 2 1 2 6	11/1998	Tanaka	—	—	
	127.	5 9 7 3 6 3 0	10/1999	Heath	—	—	
	128.	6 3 1 7 7 1 4	11/2001	Del Castillo et al.	—	—	
	129.	6 6 0 6 4 1 3	8/2003	Zeineh, Jack A.	—	—	
	130.	6 5 4 2 6 4 4	4/2003	Satoh, Noriko	—	—	
	131.	6 1 2 8 4 1 2	10/2000	Satoh, Noriko	—	—	
	132.	6 0 9 4 6 3 4	7/2000	Yahagi et al.	—	—	
	133.	6 0 7 5 4 7 0	6/2000	Little et al.	—	—	
	134.	6 0 6 1 3 9 8	5/2000	Satoh et al.	—	—	
	135.	5 8 8 6 6 5 5	3/1999	Rust, Robert A.	—	—	
	136.	5 8 7 2 5 3 0	2/1999	Domyo et al.	—	—	
	137.	5 7 5 7 8 5 2	05/1998	Xericevic et al.	—	—	
	138.	5 7 0 3 7 9 3	12/1997	Wise et al.	—	—	
	139.	5 6 4 9 0 3 2	7/1997	Burt et al.	—	—	
	140.	5 4 0 6 2 7 9	4/1995	Anderson et al.	—	—	
	141.	5 2 0 4 7 5 6	4/1993	Chevion et al.	—	—	
	142.	4 8 7 6 5 4 1	10/1989	Storer, James A.	—	—	
	143.	4 3 0 2 7 7 5	11/1981	Widergren et al.	—	—	

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DE	144.	5 5 0 6 8 4 4	4/1996	Rao, R. Padmanabha	—	—	
	145.	5 3 0 9 5 5 5	5/1994	Akins et al.	—	—	
	146.	5 1 8 7 7 9 3	2/1993	Keith et al.	—	—	
	147.	5 2 2 6 1 7 6	7/1993	Westaway et al.	—	—	
	148.	6 4 4 2 6 5 9	8/2002	Blumenau	—	—	
	149.	5 5 3 0 8 4 5	6/1996	Hiatt	—	—	
	150.	5 6 5 2 8 5 7	7/1997	Shimoi et al.	—	—	
	151.	5 3 5 7 6 1 4	10/1994	Pattism et al.	—	—	
	152.	6 1 4 5 0 6 9	11/2000	Dye, Thomas A.	—	—	
	153.	5 1 8 7 7 9 3	2/1993	Simon et al.	—	—	
	154.	6 0 7 3 2 3 2	6/2000	Xroeker et al.	—	—	
	155.	6 1 7 3 3 8 1	1/2001	Dye, Thomas A.	—	—	
	156.	6 5 3 9 4 5 6	3/2003	Stewart, David C.	—	—	
	157.	6 2 2 6 7 4 0	5/2001	Iga, Kazuhisa	—	—	
	158.	6 2 2 6 6 6 7	5/2001	Matthews et al.	—	—	
DE	159.	U.S. Patent Publication US-2002/0126755 09-2002 Li et al.					
	160.	U.S. Patent Publication US-2002/0104891 08-2002 Otto.					
	161.	U.S. Patent Publication US-2003/0084238 05-2003 Okada et al.					
	162.	U.S. Patent Publication US-2002/0037035 03-2002 Singh, Amit P.					

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DE	163.	5 1 9 1 4 3 1	3/1993	Hasegawa et al.	—	—	
	164.	5 6 7 5 3 3 3	10/1997	Boursier et al.	—	—	
	165.	6 1 0 4 3 8 9	8/2000	Ando, Ichiro	—	—	
	166.	6 0 9 7 5 2 0	8/2000	Kadnier, Griffith W.	—	—	
	167.	5 9 8 2 7 2 3	11/1999	Kamatani, Yasuo	—	—	
	168.	4 8 8 8 8 1 2	12/1989	Dinan et al.	—	—	
	169.	6 4 8 7 6 4 0	11/2002	Lipasti, Mikko Herman	—	—	
	170.	5 1 5 9 3 3 6	10/1992	Rabin, et al.	—	—	
	171.	5 3 0 7 4 9 7	04-1994	Feigenbaum, et al	—	—	
	172.	6 0 0 3 1 1 5	12-1999	Spear, et al.	—	—	
	173.	6 4 6 3 5 0 9	10-2002	Teoman, et al.	—	—	
	174.	6 7 0 4 8 4 0	03-2004	Walawadi et., al.	—	—	

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## FOREIGN PATENT DOCUMENTS

Examiner Initials	REF.#	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
22	175	DE 4 1 2 7 5 1 8	2/1992	German	—	—		
	176	EP 0 7 1 8 7 5 1	A2 6/1996	Europe	—	—		
	177	EP 0 7 1 8 7 5 1	A3 2/1997	Europe	—	—		
	178	JP 6 0 5 1 9 8 9	2/1994	Japan	—	—	YES	
	179	EP 0 5 8 7 4 3 7	3/1994	Europe	—	—		
	180	EP 0 4 0 5 5 7 2	A2 1/1991	Europe	—	—		
	181	EP 0 4 0 5 5 7 2	A3 3/1991	Europe	—	—		
	182	WO 9 7 4 8 2 1 2	12/1997	WIPO	—	—		
	183	EP 0 4 9 3 1 3 0	7/1992	Europe	—	—		
	184	JP 9 1 8 8 0 0 9	7/1997	Japan	—	—		NO

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DS	185.	6,711,709	3/2004	York	—	—	
	186.	6,606,040	8/2003	Abdat, Mourad	—	—	
	187.	5,949,355	9/1999	Panaoussis, Spyros	—	—	
	188.	5,818,369	10/1998	Withers, Wm Douglas	—	—	
	189.	5,836,003	11/1998	Sadeh	—	—	
	190.	US 2003/0034905 A1	2/2003	Anton, et al.	—	—	
	191.	5,557,551	9/1996	Craft, David J.	—	—	
	192.	5,596,674	01/1997	Bhandari, et al.	—	—	
	193.	6,345,307	02/2002	Booth	—	—	
	194.	5,652,795	7/1997	Dillon et al.	—	—	
	195.	5,293,379	03/1994	Carr	—	—	
	196.	6,192,082	02/2001	Moriarty, et al.	—	—	
	197.	5,557,668	9/1996	Brady	—	—	
	198.	5,920,326	7/1999	Rentschler, et al.	—	—	
	199.	US 2001/0032128	10/2001	Kepecs, Jonathan	—	—	
	200.	5,045,848	09/1991	Fascenda	—	—	

EXAMINER

DAVID Y. ENG  
PRIMARY EXAMINER

DATE CONSIDERED

8/06

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Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 8011-2CON	SERIAL NO. 10/628,795
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)			
		APPLICANT Fallon	
		FILING DATE July 28, 2003	GROUP Art Unit 2155

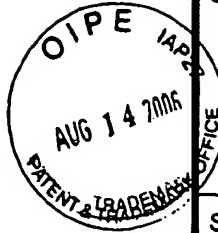
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

already cited	A	Jack Venbrux, <u>A VLSI Chip Set for High-Speed Lossless Data Compression</u> , IEEE Trans. On Circuits and Systems for Video Technology, Vol. 2, No.4, December 1992, pp. 381-391
	B	Pen-Shu Yeh, <u>The CCSDS Lossless Data Compression Recommendation for Space Applications</u> , Chapter 16, Lossless Compression Handbook, Elsevier Science (USA), 2003, pp. 311-326.
9/14/2005	C	Robert F. Rice, <u>Some Practical Universal Noiseless Coding Techniques</u> , Jet Propulsion Laboratory, Pasadena, California, JPL Publication 79-22, March 15, 1979.
OK	14 D	X. Murashita et al., <u>High-Speed Statistical Compression using Self-organized Rules and Predetermined Code Tables</u> , IEEE, 1996 Data Compression conference
	15 E	IBM, <u>Fast Dos Soft Boot</u> , 2/1/1994, Vol. 37, Issue 28, pages 185-186
	16 F.	J. Anderson et al. "Codec squeezes color teleconferencing through digital telephone lines, Electronics 1984, pp. 13-15
	17 G.	Robert Rice, "Lossless Coding Standards For Space Data Systems", IEEE 1058-6393/97, pp. 577-585
✓	18 H.	Coene, W et al. "A Fast Route For Application of Rate-distortion Optimal Quantization in an MPEG Video Encoder" Proceedings of the International Conference on Image Processing, US., New York, IEEE, 16 September 1996, pp. 825-828

EXAMINER	DAVID Y. ENG PRIMARY EXAMINER	DATE CONSIDERED	8/06
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**FOURTH SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

**Complete if known**

Application Number	10/628,795
Filing Date	July 28, 2003
First Named Inventor	James J. Fallon
Art Unit	2155
Examiner Name	David Y. Eng
Attorney Docket Number	8011-2 CON

**U.S. PATENT DOCUMENTS**

Examiner initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
DE		4,127,518	11-28-1978	Coy et al.	
		5,113,522	05-12-1992	Dinwiddie, Jr. et al.	
		5,121,342	06-09-1992	Szyborski	
		5,243,341	09-07-1993	Seroussi et al.	
		5,263,168	11-16-1993	Toms et al.	
		5,355,498	10-11-1994	Provino et al.	
		5,396,228	03-07-1995	Garahi	
		5,420,639	05-30-1995	Perkins	
		5,452,287	09-19-1995	Dicecco	
		5,467,087	11-14-1995	Chu	
		5,471,206	11-28-1995	Allen et al.	
		5,606,706	02-25-1997	Takamoto	
		5,627,534	05-06-1997	Craft	
		5,642,506	06-24-1997	Lee	
		5,717,393	02-10-1998	Nakano et al.	
		5,781,767	07-14-1998	Inoue et al.	
		5,799,110	08-25-1998	Israelsen et al.	
		5,809,176	09-15-1998	Yajima	
		5,861,920	01-19-1999	Mead et al.	
		6,105,130	08-15-2000	Wu et al.	
		6,172,936	01-09-2001	Kitazaki	
		6,195,024	02-27-2001	Fallon	

Examiner  
SignatureDAVID Y. ENG  
PRIMARY EXAMINERDate  
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STATEMENT BY APPLICANT**

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Sheet 2 of 3

**Complete if known**

Application Number	10/628,795
Filing Date	July 28, 2003
First Named Inventor	James J. Fallon
Art Unit	2155
Examiner Name	David Y. Eng
Attorney Docket Number	8011-2 CON

22	6,272,627	08-07-2001	Mann	
	6,272,628	08-07-2001	Aguilar et al.	
	6,282,641	08-28-2001	Christensen	
	6,309,424	10-30-2001	Fallon	
	6,330,622	12-11-2001	Shaefer	
	6,421,387	07-16-2002	Rhee	
	6,434,695	08-13-2002	Esfahani et al.	
	6,449,682	09-10-2002	Toorians	
	6,452,602	09-17-2002	Morein	
	6,513,113	01-28-2003	Kobayashi	
	6,601,104	07-29-2003	Fallon	
	6,604,158	08-05-2003	Fallon	
	6,618,728	09-09-2003	Rail	
	6,624,761	09-23-2003	Fallon	
	6,745,282	06-01-2004	Okada	
	6,748,457	06-08-2004	Fallon	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
9 22		EP 0164677	12-18-1985	Texas Instruments Inc.		
4 22		EP 0185098	06-25-1986	Hitachi Ltd		

Examiner  
Signature

DAVID Y. ENG

PRIMARY EXAMINER

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		Application Number		10/628,795	
		Filing Date		July 28, 2003	
		First Named Inventor		James J. Fallon	
		Art Unit		2155	
		Examiner Name		David Y. Eng	
Sheet 3 of 3		Attorney Docket Number		8011-2 CON	

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
10	19	EP 0283798	09-28-1988	IBM		
1	29	EP 0595406	05-04-1994	Philips Electronics		
2	29	GB 2162025	01-22-1986	King Reginald Alfred		
3	29	JP 11149376	06-02-1999	Toyo Commun Equip Co. Ltd	No Translation	
5	29	WO 9414273	06-23-1994	Voxson International Pty Ltd		
6	29	WO 9429852	12-22-1994	Maxtor Corp		
8	29	WO 9502873	01-26-1995	Philips Electronics		

NON PATENT LITERATURE DOCUMENTS			
Examiner initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>

Examiner Signature	DAVID Y. ENG PRIMARY EXAMINER	Date Considered	8/06
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